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DICTIONARY FILE UPDATES: 6 NOV 2007 HIGHEST RN 952567-23-6

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s 105816-04-4/rn  
L1 1 105816-04-4/RN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 105816-04-4 REGISTRY  
ED Entered STN: 21 Dec 1986  
CN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN D-Phenylalanine, N-[[4-(1-methylethyl)cyclohexyl]carbonyl]-, trans-

OTHER NAMES:

CN (-)-N-[(trans-4-Isopropylcyclohexyl)carbonyl]-D-phenylalanine

CN A 4166

CN AY 4166

CN D-Nateglinide

CN DJN 608

CN Fastic

CN Glinat

CN Nateglinide

CN Natelide

CN SDZ-DJN 608

CN Senaglinide

CN Starlix

CN Starlix DS

CN Starsis

FS STEREOSEARCH

DR 418766-62-8

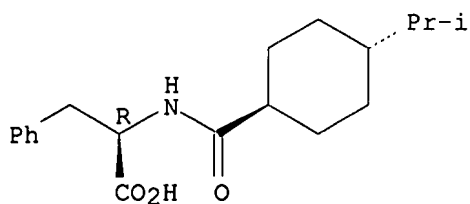
MF C19 H27 N O3

CI COM

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PATDPASPC, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS\*, SCISEARCH, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

596 REFERENCES IN FILE CA (1907 TO DATE)  
11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
598 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> str 105816-04-4

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:end

L2 STRUCTURE CREATED

=> s 12 fam full

L3 895860 12

=> s 12 fam full

FULL SEARCH INITIATED 16:31:21 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 441 TO ITERATE

100.0% PROCESSED 441 ITERATIONS

36 ANSWERS

SEARCH TIME: 00.00.01

L4 36 SEA FAM FUL L2

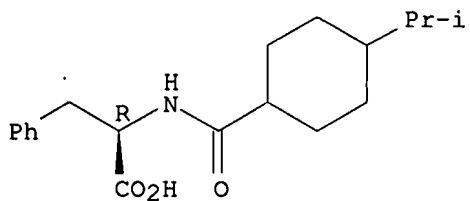
=> d scan

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN D-Phenylalanine, N-[[4-(1-methylethyl)cyclohexyl]carbonyl]- (9CI)

MF C19 H27 N O3

Absolute stereochemistry.

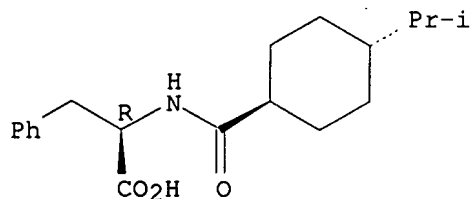


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):36

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, hydrate  
 (1:1)  
 MF C19 H27 N O3 . H2 O

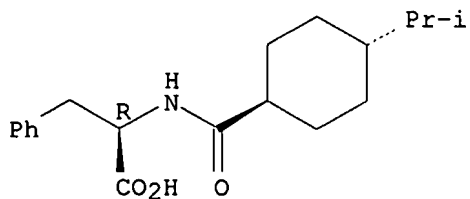
Absolute stereochemistry.



● H2O

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-,  
 hydrochloride (2:1), hydrate (2:1) (9CI)  
 MF C19 H27 N O3 . 1/2 Cl H . 1/2 H2 O

Absolute stereochemistry.



● 1/2 HCl

● 1/2 H2O

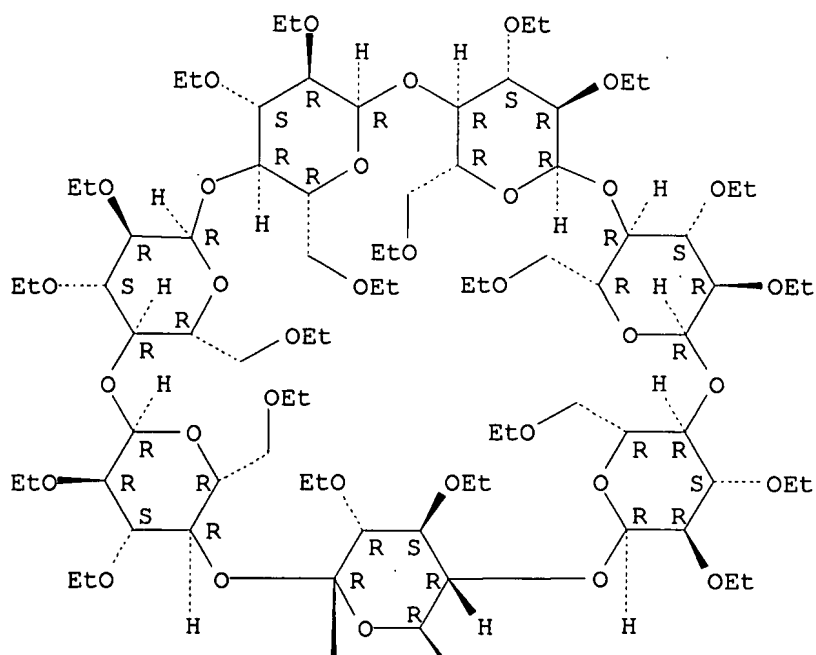
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 2A, 2B, 2C, 2D, 2E, 2F, 2G, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 6A, 6B, 6C, 6D, 6E, 6F, 6G-  
 heneicosa-O-ethyl-β-cyclodextrin (1:1) (9CI)  
 MF C84 H154 O35 . C19 H27 N O3

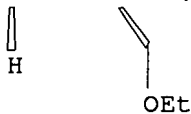
CM 1

Absolute stereochemistry.

PAGE 1-A

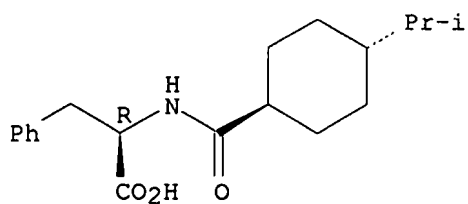


PAGE 2-A



CM 2

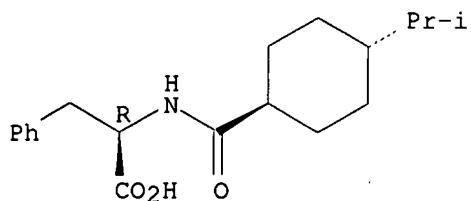
Absolute stereochemistry.



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with  $\beta$ -cyclodextrin (1:1) (9CI)  
MF C42 H70 O35 . C19 H27 N O3

CM 1

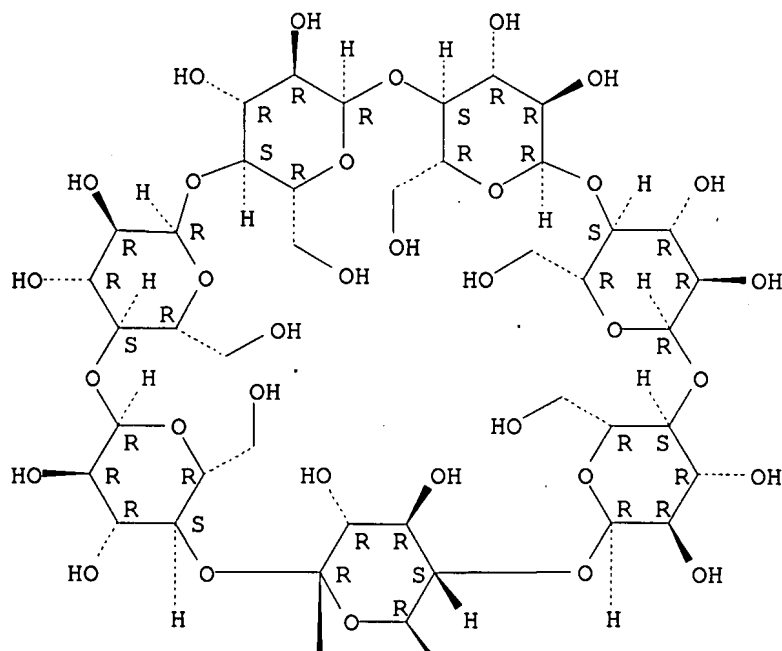
Absolute stereochemistry.



CM 2

Absolute stereochemistry.

PAGE 1-A



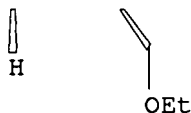
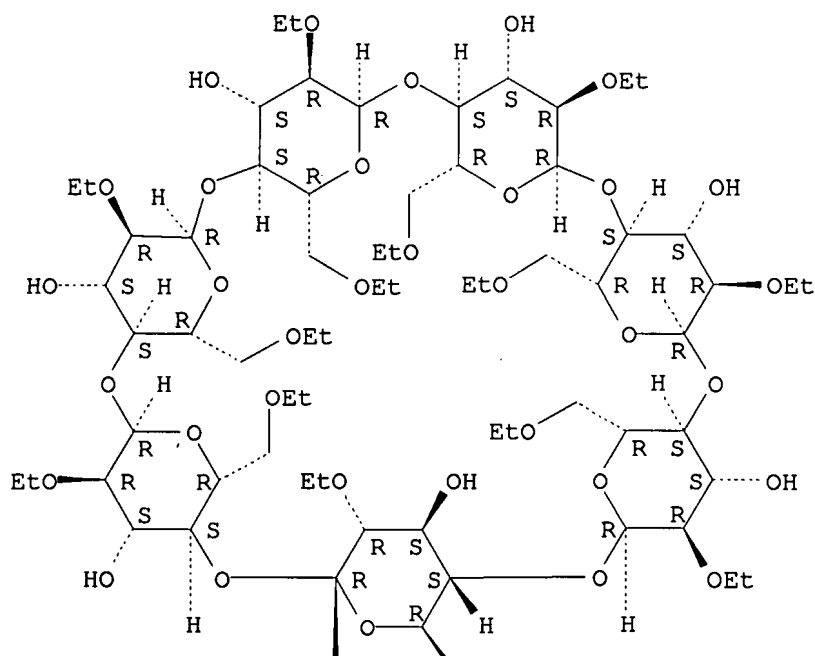
PAGE 2-A



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 2A,2B,2C,2D,2E,2F,2G,6A,6B,6C,6D,6E,6F,6G-tetradeca-O-ethyl-β-  
 cyclodextrin (1:1) (9CI)  
 MF C70 H126 O35 . C19 H27 N O3

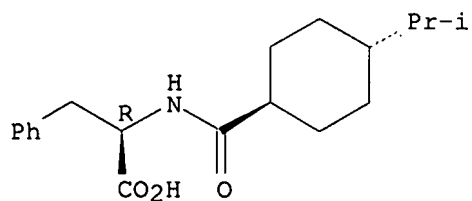
CM 1

Absolute stereochemistry.



CM 2

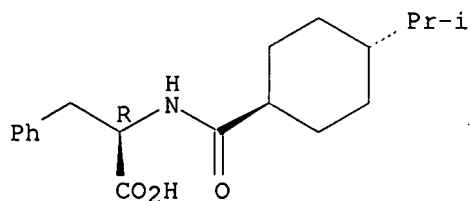
Absolute stereochemistry.



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D,6E,6F,6G-  
 heneicosa-O-methyl- $\beta$ -cyclodextrin (1:1) (9CI)  
 MF C63 H112 O35 . C19 H27 N O3

CM 1

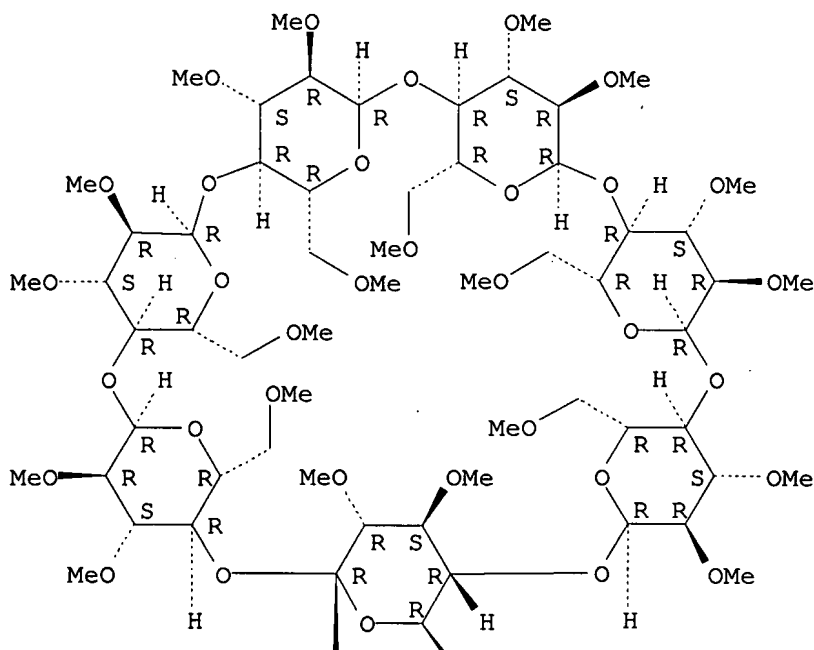
Absolute stereochemistry.



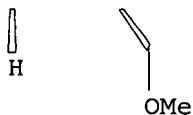
CM 2

Absolute stereochemistry.

PAGE 1-A



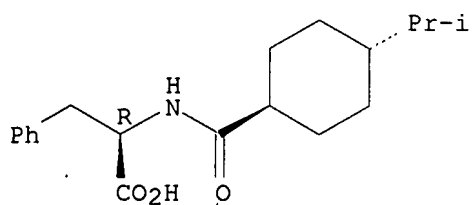
PAGE 2-A



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 2A,2B,2C,2D,2E,2F,2G,6A,6B,6C,6D,6E,6F,6G-tetradeca-O-methyl-beta-  
 cyclodextrin (1:1) (9CI)  
 MF C56 H98 O35 . C19 H27 N O3

CM 1

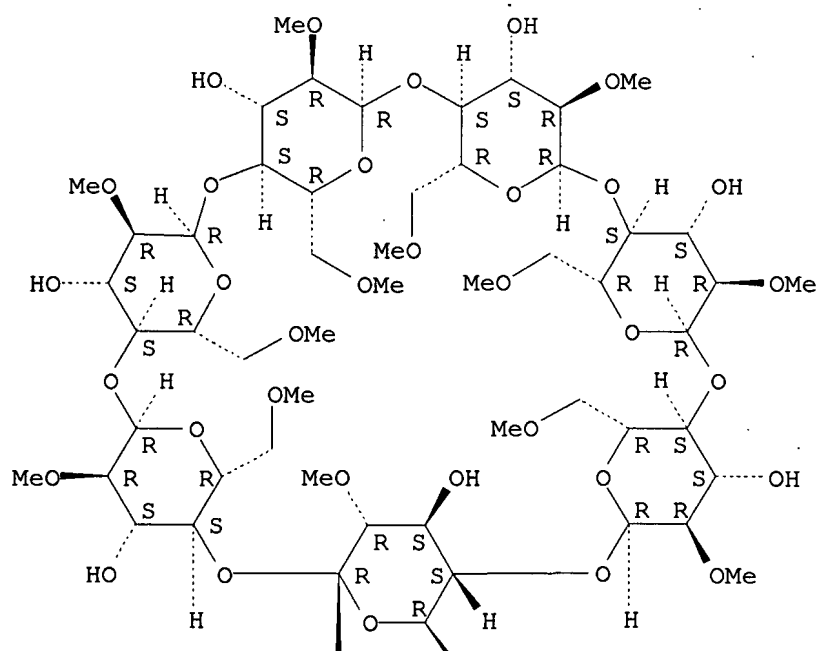
Absolute stereochemistry.



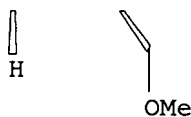
CM 2

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

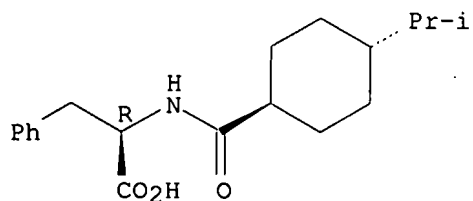


L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with  $\beta$ -cyclodextrin (2:1) (9CI)  
 MF C42 H70 O35 . 2 C19 H27 N O3

CM 1

Absolute stereochemistry.

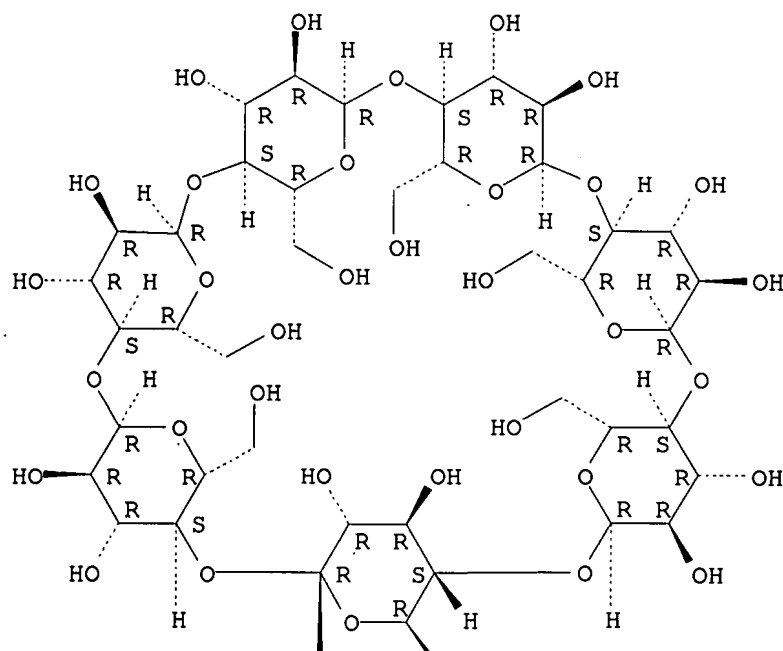




CM 2

Absolute stereochemistry.

PAGE 1-A



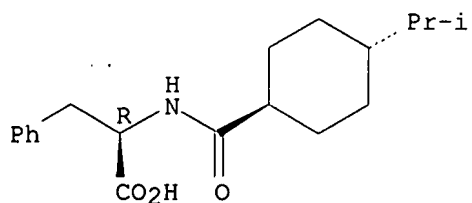
PAGE 2-A



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with  $\beta$ -cyclodextrin (3:1) (9CI)  
 MF C42 H70 O35 . 3 C19 H27 N O3

CM 1

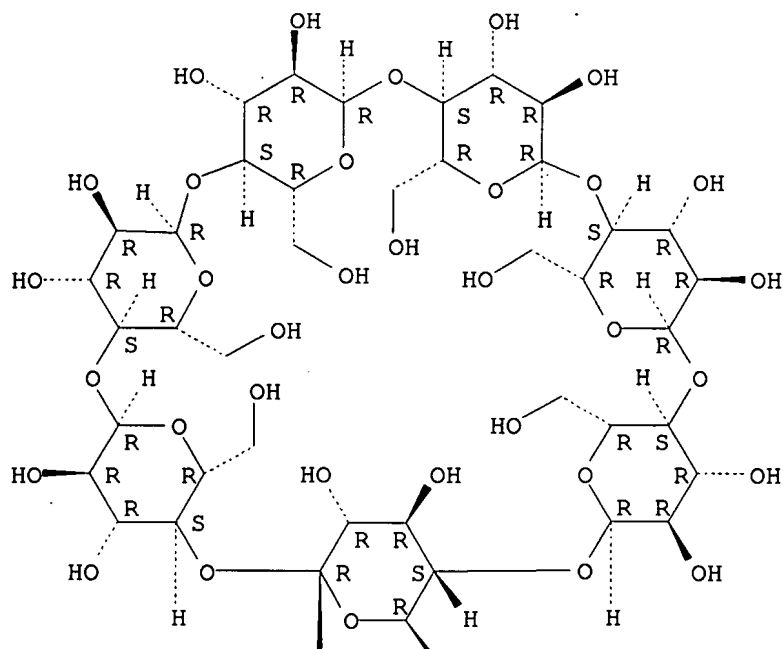
Absolute stereochemistry.



CM 2

Absolute stereochemistry.

PAGE 1-A



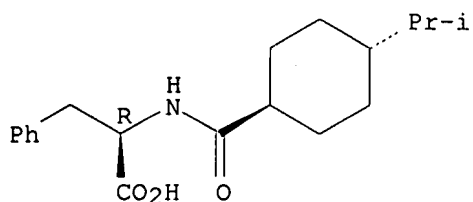
PAGE 2-A



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with heptane (9CI)  
 MF C19 H27 N O3 . x C7 H16

CM 1

Absolute stereochemistry.



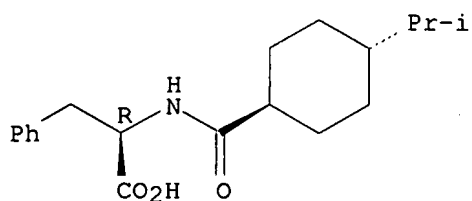
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Me-(CH<sub>2</sub>)<sub>5</sub>-Me

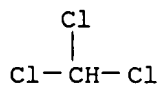
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with trichloromethane (9CI)  
 MF C19 H27 N O3 . x C H Cl3

CM 1

Absolute stereochemistry.



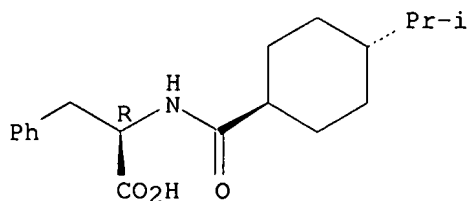
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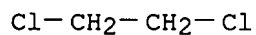
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 1,2-dichloroethane (9CI)  
 MF C19 H27 N O3 . x C2 H4 Cl2

CM 1

Absolute stereochemistry.



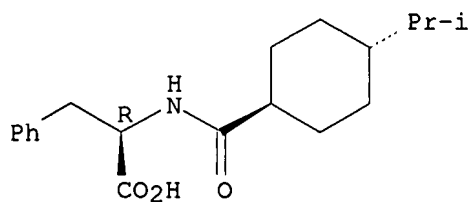
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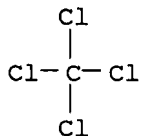
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with tetrachloromethane (9CI)  
MF C19 H27 N O3 . x C Cl4

CM 1

Absolute stereochemistry.



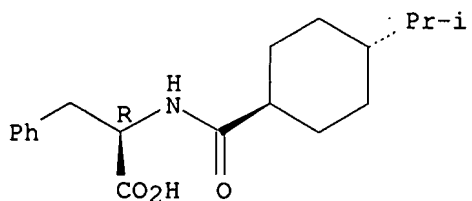
CM 2



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with dimethylbenzene (9CI)  
MF C19 H27 N O3 . x C8 H10

CM 1

Absolute stereochemistry.



CM 2

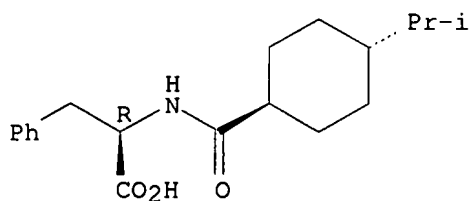


2 ( D1-Me )

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 1,2-dimethoxyethane (9CI)  
 MF C19 H27 N O3 . x C4 H10 O2

CM 1

Absolute stereochemistry.



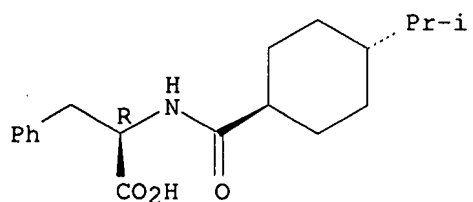
CM 2

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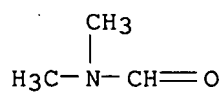
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with N,N-dimethylformamide (9CI)  
 MF C19 H27 N O3 . x C3 H7 N O

CM 1

Absolute stereochemistry.



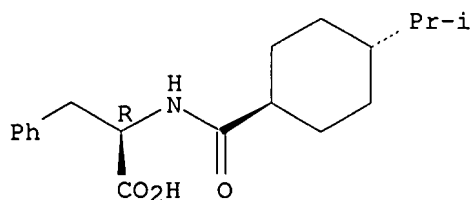
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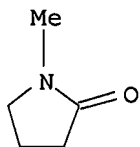
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with 1-methyl-2-pyrrolidinone (9CI)  
MF C19 H27 N O3 . x C5 H9 N O

CM 1

Absolute stereochemistry.



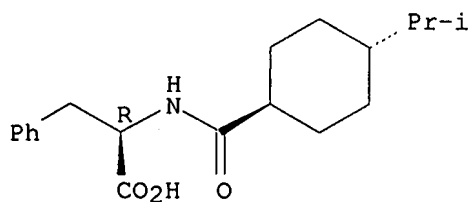
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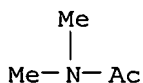
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IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with N,N-dimethylacetamide (9CI)  
MF C19 H27 N O3 . x C4 H9 N O

CM 1

Absolute stereochemistry.



CM 2

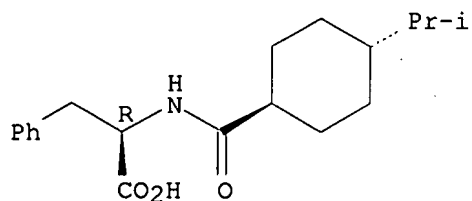


L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with 1-propanol (9CI)

MF C19 H27 N O3 . x C3 H8 O

CM 1

Absolute stereochemistry.



CM 2

H<sub>3</sub>C-CH<sub>2</sub>-CH<sub>2</sub>-OH

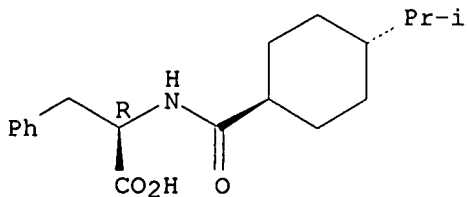
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with 1-butanol (9CI)

MF C19 H27 N O3 . x C4 H10 O

CM 1

Absolute stereochemistry.



CM 2

H<sub>3</sub>C-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-OH

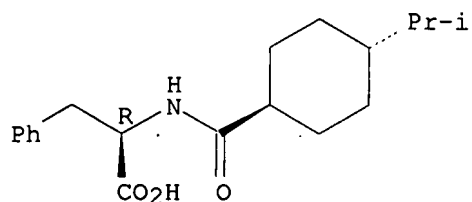
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
with ethanol (9CI)

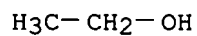
MF C19 H27 N O3 . x C2 H6 O

CM 1

Absolute stereochemistry.



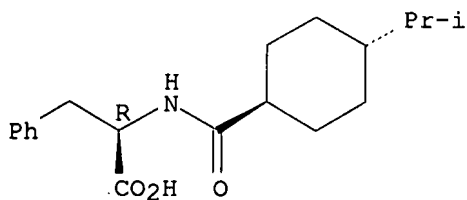
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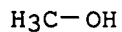
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with methanol (9CI)  
 MF C19 H27 N O3 . x C H4 O

CM 1

Absolute stereochemistry.

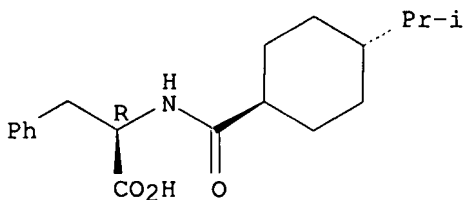


CM 2



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-,  
 ammonium salt (9CI)  
 MF C19 H27 N O3 . x H3 N

Absolute stereochemistry.



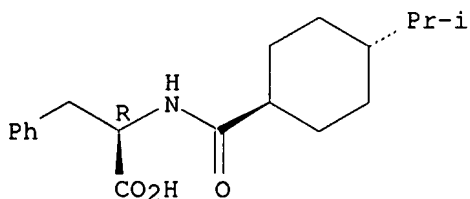
● x NH<sub>3</sub>



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
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MF C19 H27 N O3 . 1/2 Ca

Absolute stereochemistry.

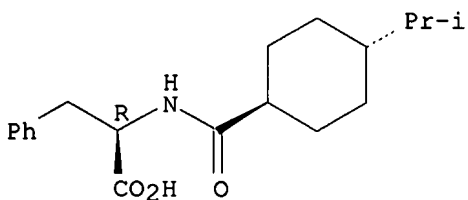


● 1/2 Ca

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
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MF C19 H27 N O3 . K

Absolute stereochemistry.

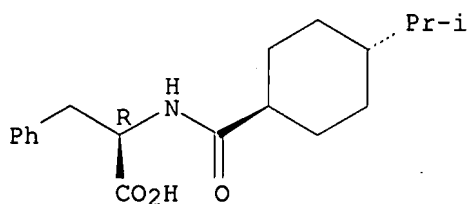


● K

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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MF C19 H27 N O3 . Na

Absolute stereochemistry.



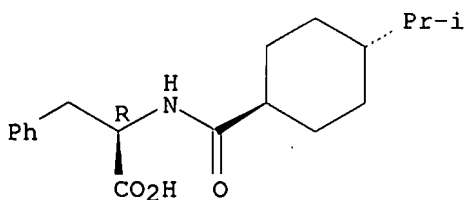
● Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with L-lysine (1:1) (9CI)  
 MF C19 H27 N O3 . C6 H14 N2 O2

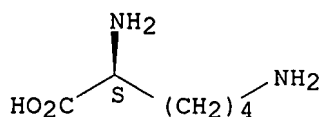
CM 1

Absolute stereochemistry.



CM 2

Absolute stereochemistry.

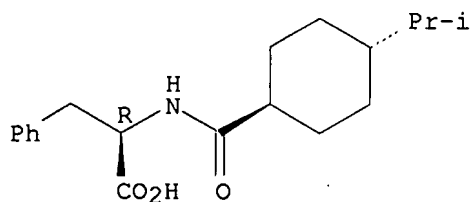


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

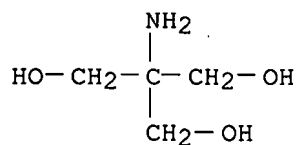
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1) (9CI)  
 MF C19 H27 N O3 . C4 H11 N O3

CM 1

Absolute stereochemistry.



CM 2

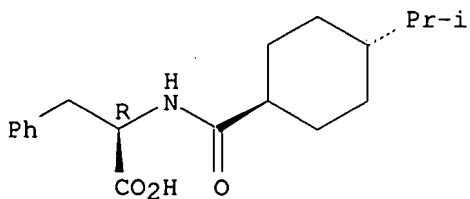


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, compd.  
 with 1-deoxy-1-(methylamino)-D-glucitol (1:1) (9CI)  
 MF C19 H27 N O3 . C7 H17 N O5

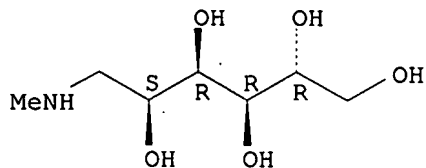
CM 1

Absolute stereochemistry.



CM 2

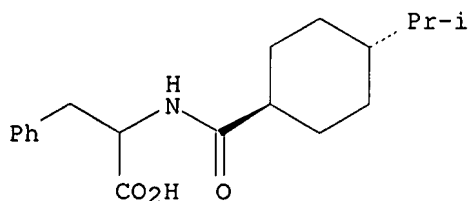
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-  
 MF C19 H27 N O3

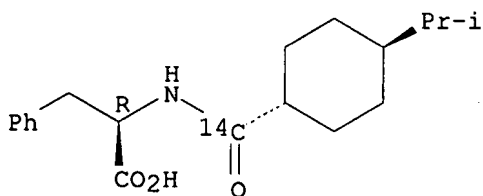
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

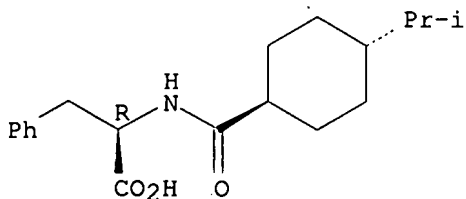
L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl-<sup>14</sup>C]-  
(9CI)  
MF C19 H27 N O3

Absolute stereochemistry.



L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-, hydrate  
(9CI)  
MF C19 H27 N O3 . x H2 O

Absolute stereochemistry.

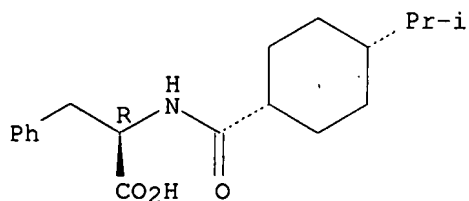


● x H<sub>2</sub>O

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[cis-4-(1-methylethyl)cyclohexyl]carbonyl]- (9CI)  
MF C19 H27 N O3

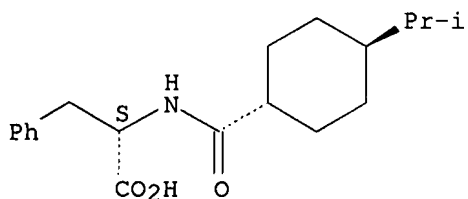
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN L-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]- (9CI)  
MF C19 H27 N O3

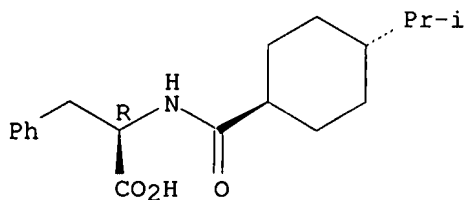
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN D-Phenylalanine, N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-  
MF C19 H27 N O3  
CI COM

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED